Name:

*Mr. Tiénou-Gustafson, Mr. Bielmeier*

Geometry, Period

Due Date: Mon, Nov 3, 2014

**Geometry**

**Homework**



**Failure to show work on all problems or use complete sentences will result in a LaSalle. *Round to hundredths!***

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| --- | --- | --- | --- | --- | --- |
| 9) What is the value of z in the picture below? | | 11) Solve for x: | | | |
| 10) Find the measure of angles A, B and C. | | 12) Solve for x: | | | |
| 12) Segments AB, CD, and EF intersect at H. What is the measure of 2 times angle EHB?  D  A  E  F  H  28  A. 28  B  B. 55  C  C. 110  D. 180  E. 194 | | | | 9) The area of a triangle is 578 cm2. Its base is four time the length of its height. Find the height and base of the triangle. | |
| 4) | | 11) Find the area of the figure below | | | |
| 11) Find the measure of the indicated angle. | | 12) The area of a triangle is 120 ft.2. The base of the triangle is 10 ft. long. What is the height of the triangle? | | | |
| 13) Find the measure of the indicated angle. | 14) Find the angle measure A: | | | | 15) Solve for x: |
| 16) Angle A of a triangle measures (3x) degrees, angle B measures (10x + 4) degrees, and angle C measures (x) degrees. What is the measure of angle A? | | | 17) In triangle ABC below, the measure of angle B is 70 degrees, and the measure of angle A is half the measure of Angle B. What is the measure of angle C? | | |